

WHAT IS CLAIMED IS:

CLAIM 1. A system comprising:

a digitizer for substantially instantaneously capturing a three dimensional image of a head and producing first data representative of said image; and

one or more computers, operable in response to said first data to automatically control manufacture of a wearable device for said head.

CLAIM 2. A system in accordance with claim 1, wherein:

said wearable device is a customized device unique to said head.

CLAIM 3. A system in accordance with claim 2, wherein:

said one or more computers automatically selects a configuration for said wearable device in response to said first data.

CLAIM 4. A system in accordance with claim 2, wherein:

said one or more computers automatically selects trim lines for said wearable device.

CLAIM 5. A system in accordance with claim 1, comprising:

fabrication apparatus responsive to said one or more computers for manufacturing said wearable device.

CLAIM 6. A system in accordance with claim 5, wherein:

said fabrication apparatus comprises milling apparatus to produce a custom form on which said wearable device is formed.

CLAIM 7. A system in accordance with claim 5, wherein:

said fabrication apparatus comprises vacuum apparatus for forming a plastic material.

CLAIM 8. A system in accordance with claim 5 wherein:

said fabrication apparatus comprises trimming apparatus.

CLAIM 9. A system in accordance with claim 1, wherein:

said one or more computers is responsive to said first data to automatically select a device type for said wearable device.

CLAIM 10. A system in accordance with claim 1, wherein:

said one or more computers is responsive to said first data to automatically select a device style for said wearable device.

CLAIM 11. A system in accordance with claim 1, wherein:

said one or more computers is responsive to said first data to automatically select a device type and a device style for said wearable device.

CLAIM 12. A system in accordance with claim 1, wherein:

said head is an infant's head; and

said wearable device comprises a cranial remodeling device.

CLAIM 13. A system in accordance with claim 12, wherein:

said cranial remodeling device is a customized cranial remodeling device unique to said infant's head.

CLAIM 14. A system in accordance with claim 13, wherein:

said one or more computers automatically selects a cranial remodeling device type and style in response to said first data.

CLAIM 15. A system in accordance with claim 14, wherein:

said one or more computers automatically selects features for said cranial remodeling device.

CLAIM 16. A system in accordance with claim 12, wherein:

said one or more computers automatically selects trim lines for said cranial remodeling device.

CLAIM 17. A system in accordance with claim 12, comprising:

fabrication apparatus responsive to said one or more computers for manufacturing said cranial remodeling device.

CLAIM 18. A system in accordance with claim 17, wherein:

said fabrication apparatus comprises milling apparatus to produce a custom form on which said cranial remodeling device is formed.

CLAIM 19. A system in accordance with claim 18, wherein:

said fabrication apparatus comprises vacuum apparatus for forming a plastic material on said custom form.

CLAIM 20. A system in accordance with claim 19, wherein:

said fabrication apparatus comprises trimming apparatus.

CLAIM 21. A system in accordance with claim 17, wherein:

said one or more computers is responsive to said first data to select a cranial remodeling type for said cranial remodeling device.

CLAIM 22. A system in accordance with claim 17, wherein:

said one or more computers is responsive to said first data to select a cranial remodeling style for said cranial remodeling device.

CLAIM 23. A system in accordance with claim 17, wherein:

said one or more computers is responsive to said first data to select a cranial remodeling type and style for said cranial remodeling device.

CLAIM 24. A method comprising:

utilizing a digitizer to substantially instantaneously capturing a three dimensional image of a head and to produce first data representative of said image; and

providing one or more computers operable in response to said first data to automatically control manufacture of a wearable device for said head.

CLAIM 25. A method in accordance with claim 24, wherein:

said wearable device is a customized device unique to said head.

CLAIM 26. A method in accordance with claim 25, comprising:

automatically selecting a configuration for said wearable device in response to said first data.

CLAIM 27. A method in accordance with claim 25, comprising:

automatically selecting trim lines for said wearable device.

CLAIM 28. A method accordance with claim 24, comprising:

providing fabrication apparatus responsive to said one or more computers for manufacturing said wearable device.

CLAIM 29. A method in accordance with claim 28, wherein:

said fabrication apparatus comprises milling apparatus to produce a custom form on which said wearable device is formed.

CLAIM 30. A method in accordance with claim 28, wherein:

said fabrication apparatus comprises vacuum apparatus for forming a plastic material.

CLAIM 31. A method in accordance with claim 28 wherein:

said fabrication apparatus comprises trimming apparatus.

CLAIM 32. A method in accordance with claim 24, comprising:

automatically selecting a device type for said wearable device in response to said first data.

CLAIM 33. A method in accordance with claim 24, comprising:

automatically selecting a device style for said wearable device.

CLAIM 34. A method in accordance with claim 24, comprising:

automatically selecting device type and a device style for said wearable device from said first data.

CLAIM 35. A method in accordance with claim 24, wherein:

said head is an infant's head; and

said wearable device comprises a cranial remodeling device.

CLAIM 36. A method in accordance with claim 35, wherein:

said cranial remodeling device is a customized cranial remodeling device unique to said infant's head.

CLAIM 37. A method in accordance with claim 36, comprising:

automatically selecting a cranial remodeling device type and style in response to said first data.

CLAIM 38. A method in accordance with claim 37, comprising:

automatically selecting features for said cranial remodeling device.

CLAIM 39. A method in accordance with claim 35, comprising:

automatically selecting trim lines for said cranial remodeling device.

CLAIM 40. A method in accordance with claim 35, comprising:

providing fabrication apparatus responsive to said one or more computers for manufacturing said cranial remodeling device.

CLAIM 41. A method in accordance with claim 40, wherein:

said fabrication apparatus comprises milling apparatus to produce a custom form on which said cranial remodeling device is formed.

CLAIM 42. A method in accordance with claim 41, wherein:

said fabrication apparatus comprises vacuum apparatus for forming a plastic material on said custom form.

CLAIM 43. A method in accordance with claim 42, wherein:

said fabrication apparatus comprises trimming apparatus.

CLAIM 44. A method in accordance with claim 40, comprising:

automatically select a cranial remodeling type for said cranial remodeling device in response to said first data.

CLAIM 45. A method in accordance with claim 40, comprising:

automatically selecting a cranial remodeling style for said cranial remodeling device.

CLAIM 46. A method in accordance with claim 40, comprising:

automatically selecting a cranial remodeling type and style for said cranial remodeling device.